

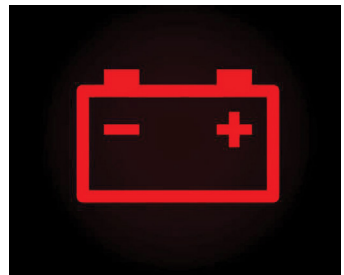


# Top 4 Signs Your Alternator May Need Replacing

- ▶ **Symptom:**  
Dimming lights, malfunctioning electrical accessories, dash warning lights, hear unusual noises from the alternator, or a weak or dead battery.
- ▶ **Cause:**  
The Battery, Alternator and Alternator Drive Belt will all need to be inspected and properly tested to determine the exact cause of the symptoms.
- ▶ **The Solution:**  
Replacement of your Alternator and/or Battery.



Alternator



Dash Warning Light

**Your Battery and Alternator should be tested to determine the cause of the warning light or low voltage reading.**

**1) Lights dimming / Electrical accessories malfunctioning** - If your headlights and/or dash lights are dim or do not appear as bright as normal with the engine running this could be an indication of a defective alternator. Similarly, if any of the electrical accessories on your vehicle such as the power seats, or power windows are operating slower than normal with the engine running this may indicate an alternator that is not charging properly and may need replacement.

**2) Dash Warning Lights** - Most vehicles have a warning light in the instrument cluster to indicate if there is a malfunction in the charging system. The light may say "ALT" or "GEN" for alternator or generator or there may be a battery symbol, and on some vehicles, an actual message may appear stating "Check Battery and Charging System". These warnings can all be indications of a malfunctioning alternator. Some vehicles use a voltmeter in the instrument cluster if the voltmeter displays less than 12 volts for an extended period of time with the engine running this is also a good indication of a possible alternator problem. Your battery and alternator should be tested to determine the cause of the warning light or low voltage reading.

**3) A weak or dead Battery** - A partially discharged (weak) battery, or a dead battery can be good indicators of a malfunctioning alternator or a defective battery. Again, you should have the battery and alternator properly tested.

**4) Unusual noises** - With the engine running any unusual noises from the alternator may indicate the need for replacement. High pitched whining sounds, squealing, any metallic noises coming from the alternator usually indicate a mechanical failure of the alternator and replacement will be needed.

**Note: Squealing noises from the alternator can also indicate problems with the alternator drive belt which should be inspected.**

Check out the video for this issue by scanning the QR code or head to: <https://youtu.be/NH7CcMROE8E>



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